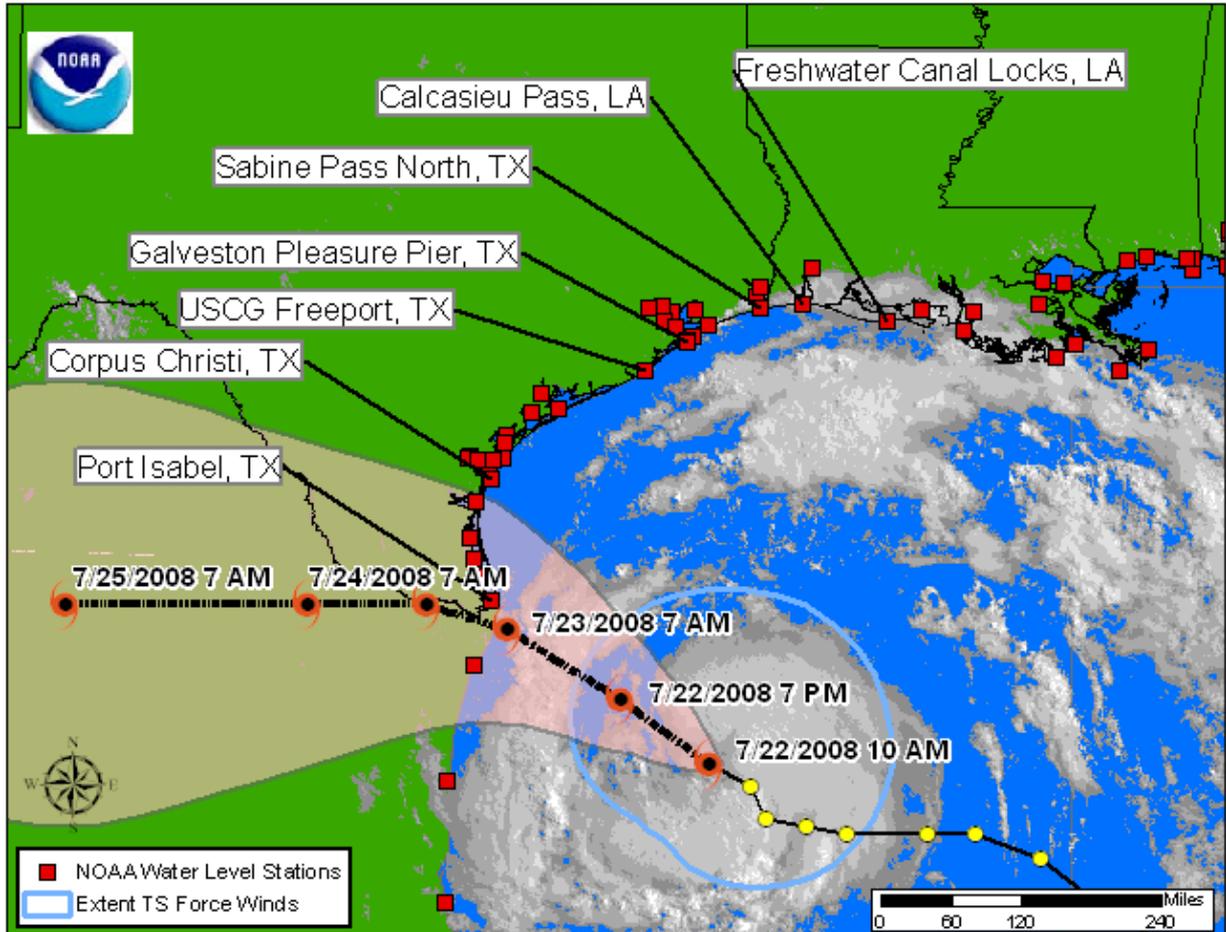




Tropical Storm DOLLY QuickLook  
Posted: 11:00 CDT 07/22/2008

**NOAA and NOAA Partnership Stations Relative to the Storm**



**Storm Analysis**

As of 07/22/2008 11:00 CDT, water levels along the Gulf Coast are rising and are roughly 1.0 feet above predicted. Barometric pressure continues to fall.

The next QuickLook will be issued at 17:00 CDT on July 22, 2008.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Port Isabel, TX: Next predicted high tide is 0.80 ft (0.24 m) on 07/22/2008 at 17:26 CDT..

Corpus Christi, TX: Next predicted high tide is 0.90 ft (0.27 m) on 07/22/2008 at 17:51 CDT.

USCG Freeport, TX: Next predicted high tide is 0.96 ft (0.29 m) on 07/22/2008 at 18:15 CDT.

Galveston Pleasure pier, TX: Next predicted high tide is 1.30 ft (0.40 m) on 07/22/2008 at 17:32 CDT.

Sabine Pass North: Next predicted high tide is 1.00 ft (0.30 m) on 07/22/2008 at 17:47 CDT.

Calcasieu Pass, LA: Next predicted high tide is 1.60 ft (0.49 m) on 07/22/2008 at 17:11 CDT.

Freshwater Canal Locks, LA: Next predicted high tide is 1.50 ft (0.46 m) on 07/22/2008 at 17:24 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: CMM

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**TROPICAL STORM DOLLY ADVISORY NUMBER 9**

**...DOLLY NEARING HURRICANE STRENGTH...**

**AT 10 AM CDT THE HURRICANE WARNING FROM NORTH OF CORPUS CHRISTI TO PORT O'CONNOR HAS BEEN REPLACED WITH A TROPICAL STORM WARNING. A HURRICANE WARNING IS NOW IN EFFECT FOR THE COAST OF TEXAS FROM BROWNSVILLE TO CORPUS CHRISTI AND FOR THE NORTHEAST COAST OF MEXICO FROM RIO SAN FERNANDO NORTHWARD TO THE BORDER BETWEEN MEXICO AND THE UNITED STATES. A HURRICANE WARNING MEANS THAT HURRICANE CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS. PREPARATIONS TO PROTECT LIFE AND PROPERTY SHOULD BE RUSHED TO COMPLETION.**

**A TROPICAL STORM WARNING IS NOW IN EFFECT FROM NORTH OF CORPUS CHRISTI TO SAN LUIS PASS. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS.**

**AT 1000 AM CDT THE CENTER OF TROPICAL STORM DOLLY WAS LOCATED NEAR LATITUDE 24.0 NORTH, LONGITUDE 94.5 WEST OR ABOUT 230 MILES SOUTHEAST OF BROWNSVILLE TEXAS.**

**DOLLY IS MOVING TOWARD THE NORTHWEST NEAR 12 MPH. A GENERAL NORTHWEST TO WEST-NORTHWEST TRACK IS EXPECTED DURING THE NEXT 24 HOURS. THIS MOTION WOULD BRING THE CORE OF DOLLY NEAR NORTHEASTERN MEXICO OR EXTREME SOUTHERN TEXAS ON WEDNESDAY.**

**MAXIMUM SUSTAINED WINDS HAVE INCREASED TO NEAR 70 MPH WITH HIGHER GUSTS. DOLLY IS EXPECTED TO BECOME A HURRICANE LATER TODAY OR WEDNESDAY.**

**TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 160 MILES FROM THE**

**CENTER.**

**THE MINIMUM CENTRAL PRESSURE RECENTLY REPORTED BY A NOAA HURRICANE HUNTER PLANE WAS 991 MB.**

**DOLLY IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 4 TO 8 INCHES WITH ISOLATED AMOUNTS OF 15 INCHES OVER MUCH OF SOUTH TEXAS AND NORTHEASTERN MEXICO OVER THE NEXT FEW DAYS.**

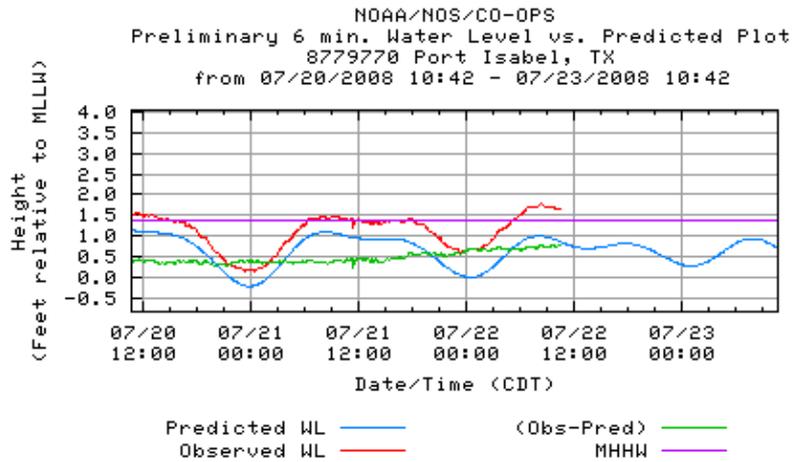
**COASTAL STORM SURGE FLOODING OF 4 TO 6 FEET ABOVE NORMAL TIDE LEVELS...ALONG WITH LARGE AND DANGEROUS BATTERING WAVES...CAN BE EXPECTED NEAR AND TO THE NORTH OF WHERE THE CENTER MAKES LANDFALL.**

**FORECASTER AVILA**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

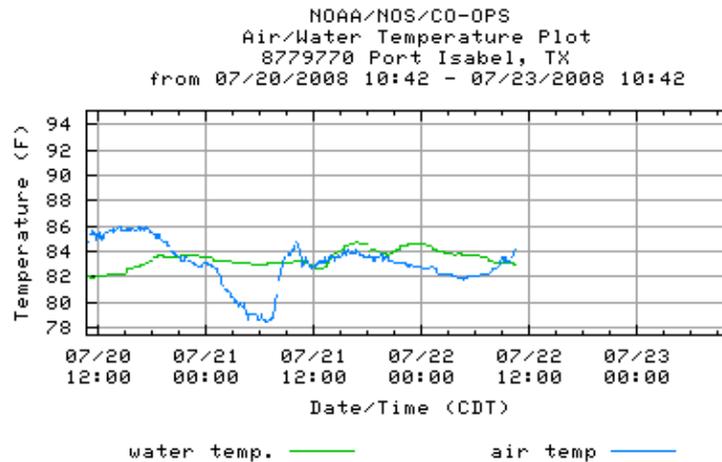
Jump to: [Port Isabel - Water Level](#), [Port Isabel - Air/Water Temp](#), [Port Isabel - Barometric](#), [Corpus Christi - Water Level](#), [Corpus Christi - Air/Water Temp](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [USCG Freeport - Water Level](#), [USCG Freeport - Air/Water Temp](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Air/Water Temp](#), [Galveston Pleasure Pier - Winds](#), [Galveston Pleasure Pier - Barometric](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Air/Water Temp](#), [Sabine Pass North - Winds](#), [Sabine Pass North - Barometric](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Calcasieu Pass - Barometric](#), [Freshwater Canal Locks - Water Level](#).

**Port Isabel, TX - Station Map** [Return to List](#)



Last Observed Sample: 07/22/2008 10:24 (CDT)  
 Relative to **MLLW**: **Observed: 1.63 ft. Predicted: 0.86 ft. Residual: 0.77 ft.**  
 Historical Maximum Water Level: 08/09/1980, 5.67 ft. above **MHHW**

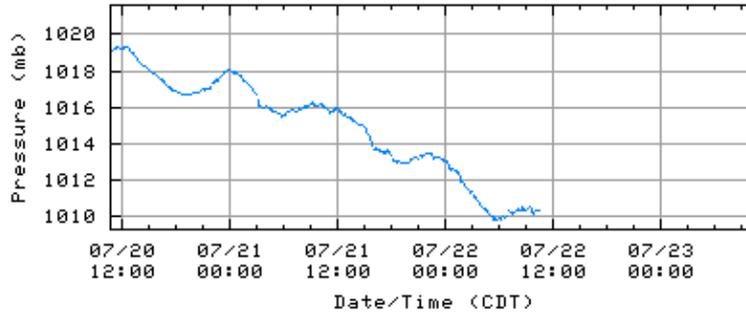
**Port Isabel, TX - Station Map** [Return to List](#)



Last Observed Sample: 07/22/2008 10:24 (CDT)  
**Water Temperature: 82.9° F Air Temperature: 84.2° F**

**Port Isabel, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
 Barometric Pressure Plot  
 8779770 Port Isabel, TX  
 from 07/20/2008 10:42 - 07/23/2008 10:42



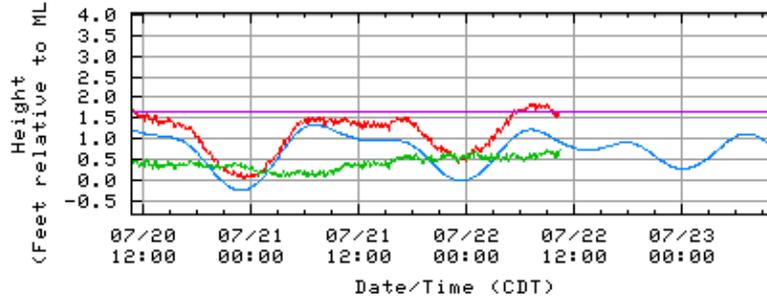
barometric pressure —

Last Observed Sample: 07/22/2008 10:24 (CDT)

Barometric Pressure: 1010.3 mb

**Corpus Christi, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
 Preliminary 6 min. Water Level vs. Predicted Plot  
 8775870 Corpus Christi, TX  
 from 07/20/2008 10:42 - 07/23/2008 10:42



Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —

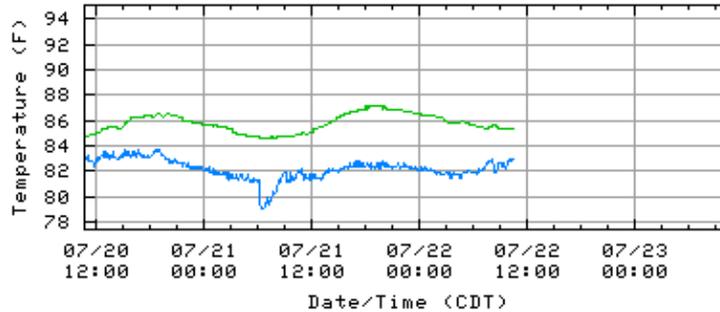
Last Observed Sample: 07/22/2008 10:24 (CDT)

Relative to **MLLW**: Observed: 1.66 ft. Predicted: 0.92 ft. Residual: 0.74 ft.

Historical Maximum Water Level: 09/10/1998, 3.33 ft. above **MHHW**

**Corpus Christi, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Air/Water Temperature Plot  
8775870 Corpus Christi, TX  
from 07/20/2008 10:42 - 07/23/2008 10:42



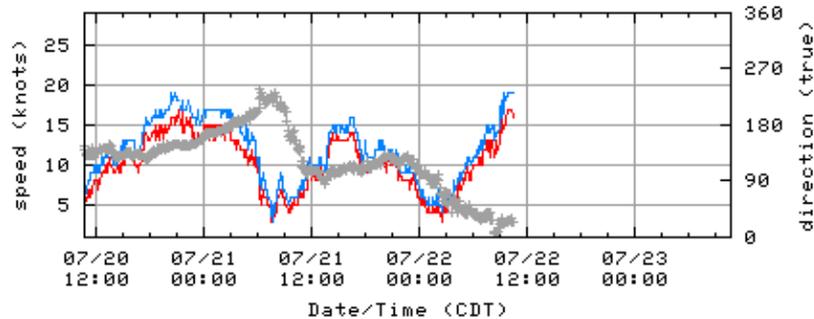
water temp. — air temp. —

Last Observed Sample: 07/22/2008 10:24 (CDT)

Water Temperature: 85.3° F Air Temperature: 82.9° F

**Corpus Christi, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Wind Speed/Gusts/Dir  
8775870 Corpus Christi, TX  
from 07/20/2008 10:42 - 07/23/2008 10:42



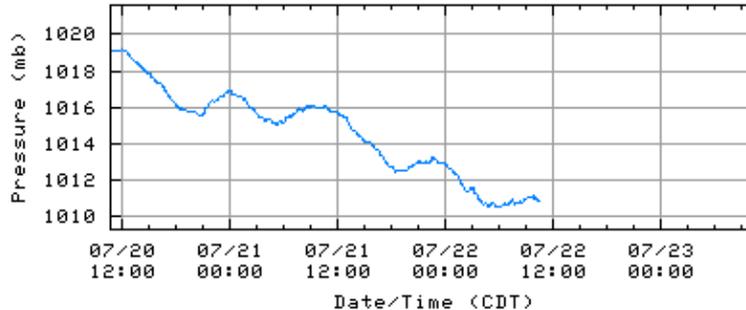
speed — gusts — direction +

Last Observed Sample: 07/22/2008 10:24 (CDT)

Wind Speed: 16 knots Gusts: 19 knots Direction: 025° T

**Corpus Christi, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
 Barometric Pressure Plot  
 8775870 Corpus Christi, TX  
 from 07/20/2008 10:42 - 07/23/2008 10:42



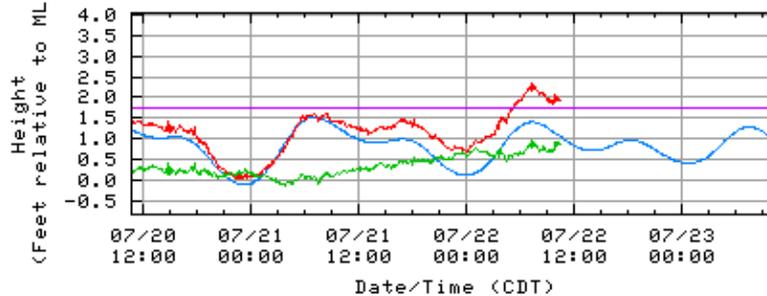
barometric pressure —

Last Observed Sample: 07/22/2008 10:24 (CDT)

Barometric Pressure: 1010.9 mb

**USCG Freeport, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
 Preliminary 6 min. Water Level vs. Predicted Plot  
 8772447 USCG Freeport, TX  
 from 07/20/2008 10:42 - 07/23/2008 10:42



Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —

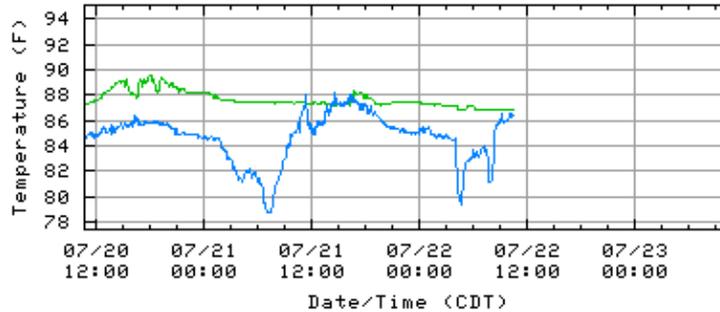
Last Observed Sample: 07/22/2008 10:24 (CDT)

Relative to **MLLW**: Observed: 1.91 ft. Predicted: 1.06 ft. Residual: 0.85 ft.

Historical Maximum Water Level: n/a

**USCG Freeport, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Air/Water Temperature Plot  
8772447 USCG Freeport, TX  
from 07/20/2008 10:42 - 07/23/2008 10:42



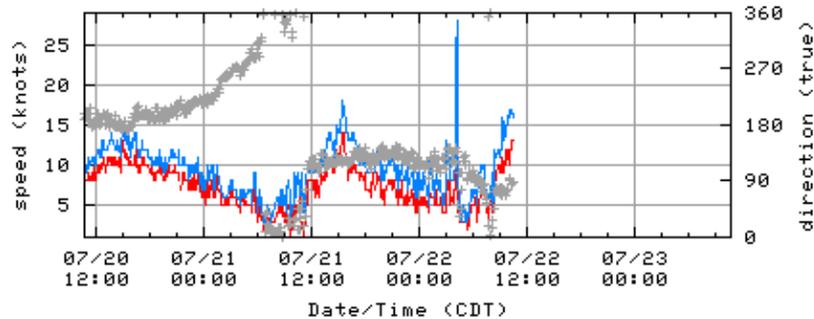
water temp. — air temp. —

Last Observed Sample: 07/22/2008 10:24 (CDT)

Water Temperature: 86.9° F Air Temperature: 86.4° F

**USCG Freeport, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Wind Speed/Gusts/Dir  
8772447 USCG Freeport, TX  
from 07/20/2008 10:42 - 07/23/2008 10:42



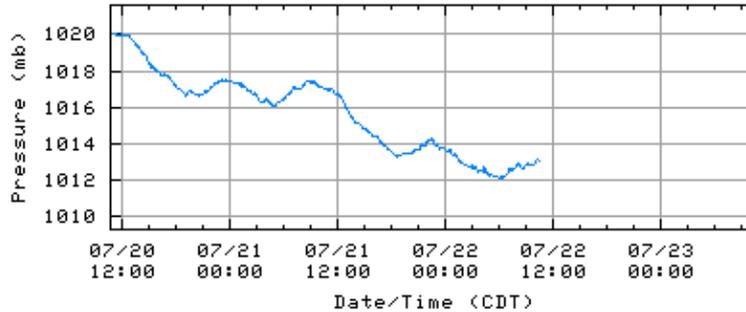
speed — gusts — direction +

Last Observed Sample: 07/22/2008 10:24 (CDT)

Wind Speed: 13 knots Gusts: 16 knots Direction: 088° T

**USCG Freeport, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
 Barometric Pressure Plot  
 8772447 USCG Freeport, TX  
 from 07/20/2008 10:42 - 07/23/2008 10:42



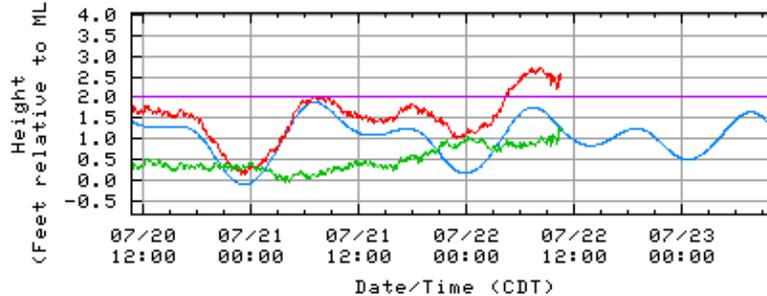
barometric pressure —

Last Observed Sample: 07/22/2008 10:24 (CDT)

Barometric Pressure: 1013.1 mb

**Galveston Pleasure Pier, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
 Preliminary 6 min. Water Level vs. Predicted Plot  
 8771510 Galveston Pleasure Pier, TX  
 from 07/20/2008 10:42 - 07/23/2008 10:42



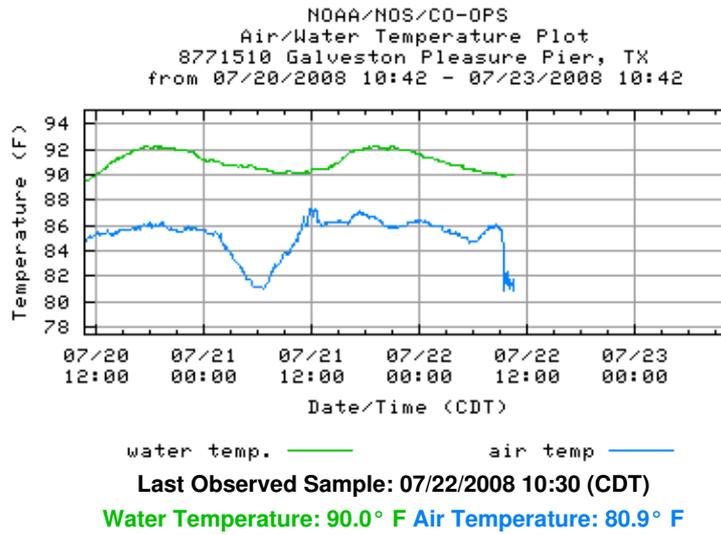
Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —

Last Observed Sample: 07/22/2008 10:30 (CDT)

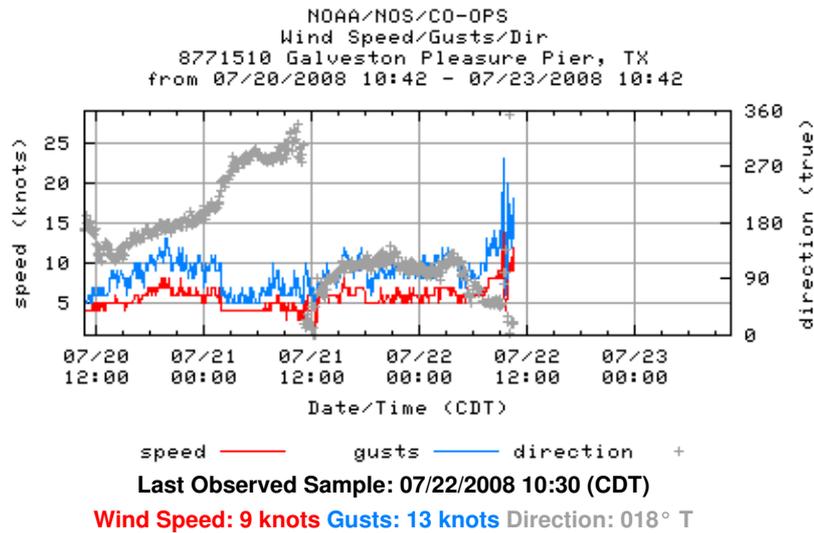
Relative to **MLLW**: Observed: 2.43 ft. Predicted: 1.25 ft. Residual: 1.18 ft.

Historical Maximum Water Level: 09/11/1961, 7.16 ft. above **MHHW**

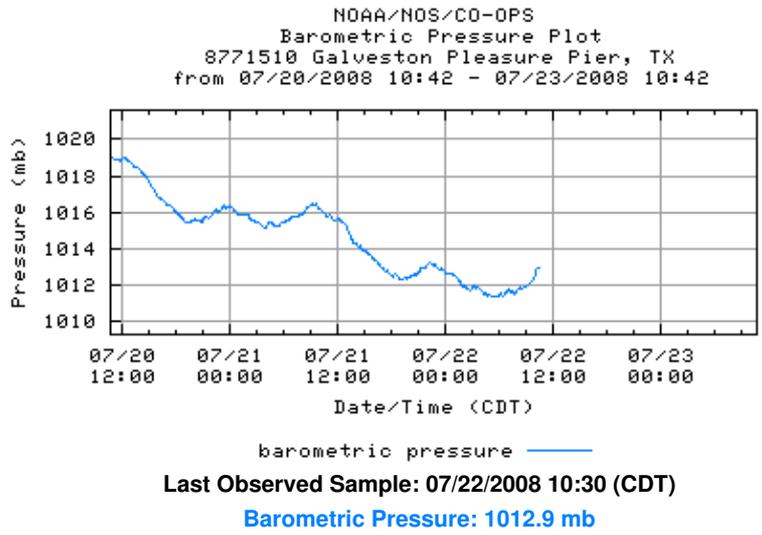
**Galveston Pleasure Pier, TX - Station Map** [Return to List](#)



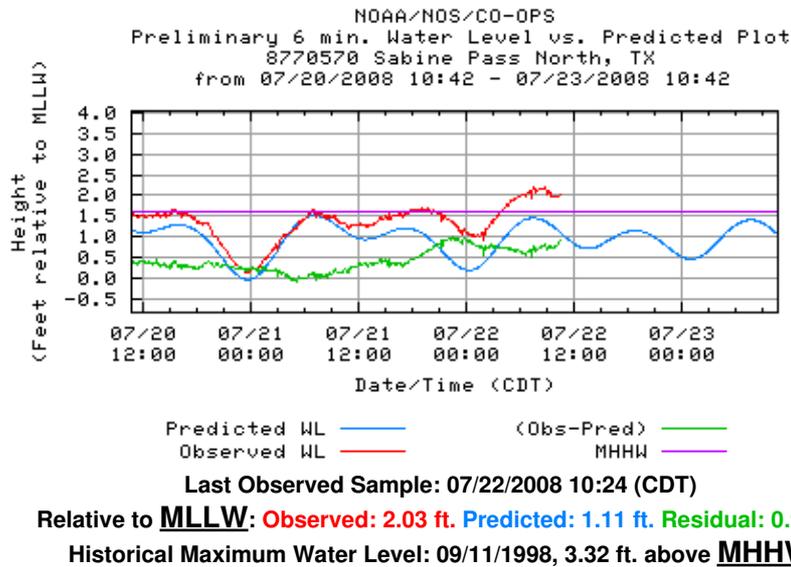
**Galveston Pleasure Pier, TX - Station Map** [Return to List](#)



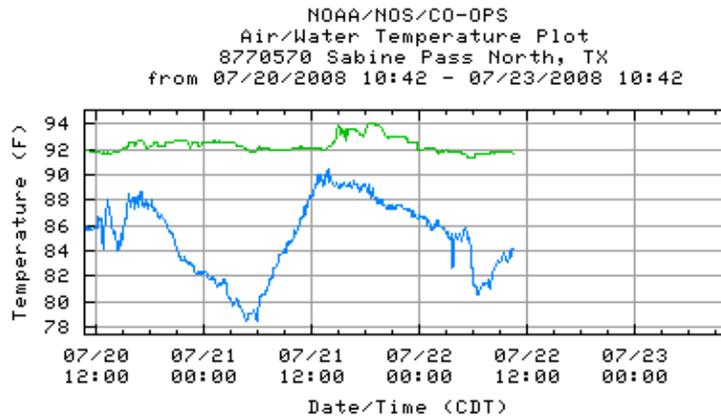
**Galveston Pleasure Pier, TX - Station Map** [Return to List](#)



**Sabine Pass North, TX - Station Map** [Return to List](#)



**Sabine Pass North, TX - Station Map** [Return to List](#)

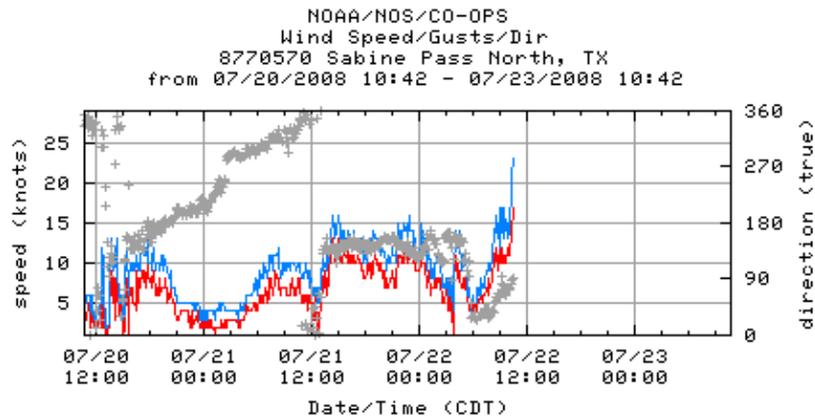


water temp. — air temp —

Last Observed Sample: 07/22/2008 10:24 (CDT)

Water Temperature: 91.6° F Air Temperature: 84.2° F

**Sabine Pass North, TX - Station Map** [Return to List](#)

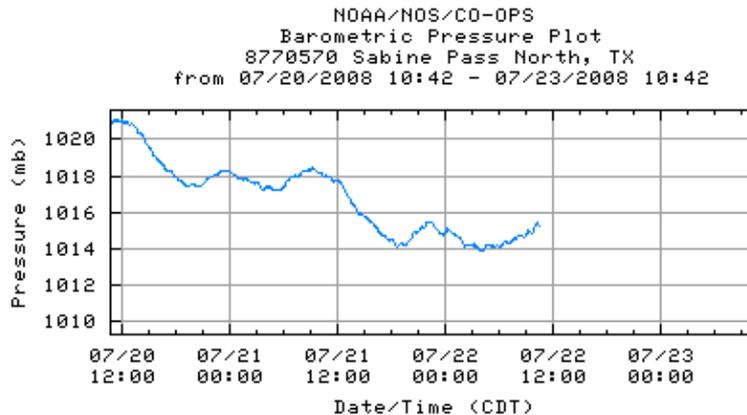


speed — gusts — direction +

Last Observed Sample: 07/22/2008 10:24 (CDT)

Wind Speed: 17 knots Gusts: 23 knots Direction: 093° T

**Sabine Pass North, TX - Station Map** [Return to List](#)

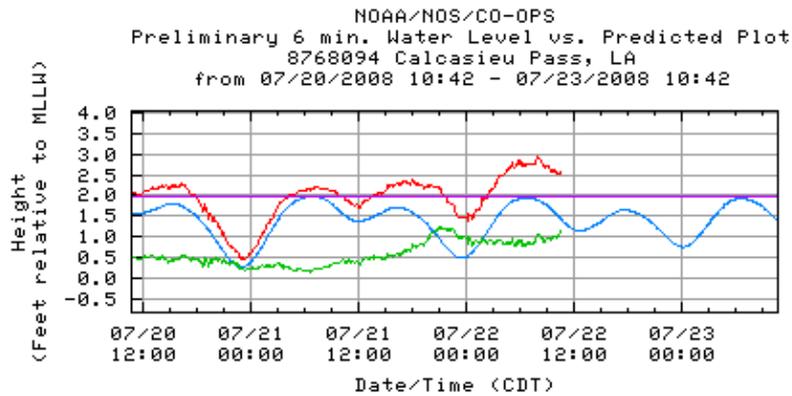


barometric pressure —

Last Observed Sample: 07/22/2008 10:24 (CDT)

Barometric Pressure: 1015.2 mb

**Calcasieu Pass, LA - Station Map** [Return to List](#)



Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —

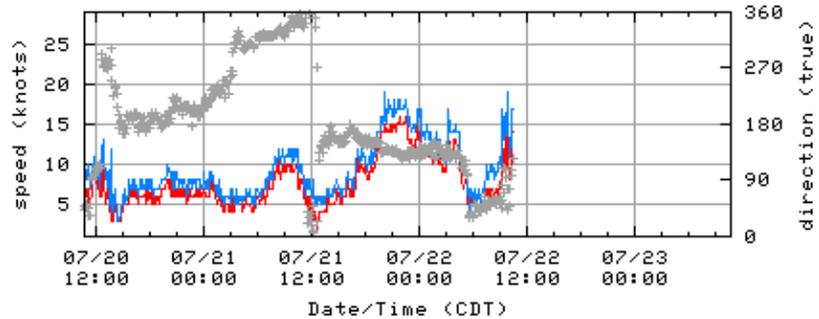
Last Observed Sample: 07/22/2008 10:30 (CDT)

Relative to **MLLW**: Observed: 2.57 ft. Predicted: 1.44 ft. Residual: 1.13 ft.

Historical Maximum Water Level: n/a

**Calcasieu Pass, LA - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Wind Speed/Gusts/Dir  
8768094 Calcasieu Pass, LA  
from 07/20/2008 10:42 - 07/23/2008 10:42



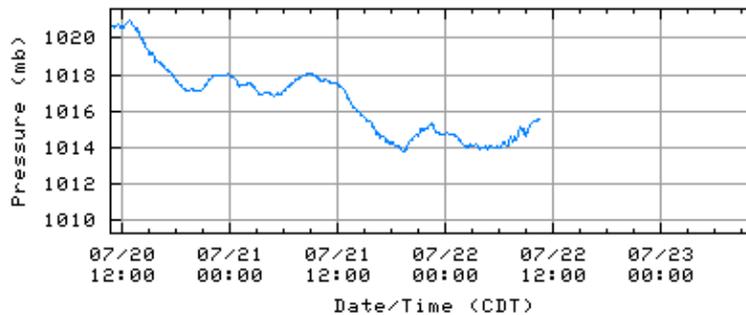
speed — gusts — direction +

Last Observed Sample: 07/22/2008 10:24 (CDT)

Wind Speed: 14 knots Gusts: 17 knots Direction: 124° T

**Calcasieu Pass, LA - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Barometric Pressure Plot  
8768094 Calcasieu Pass, LA  
from 07/20/2008 10:42 - 07/23/2008 10:42

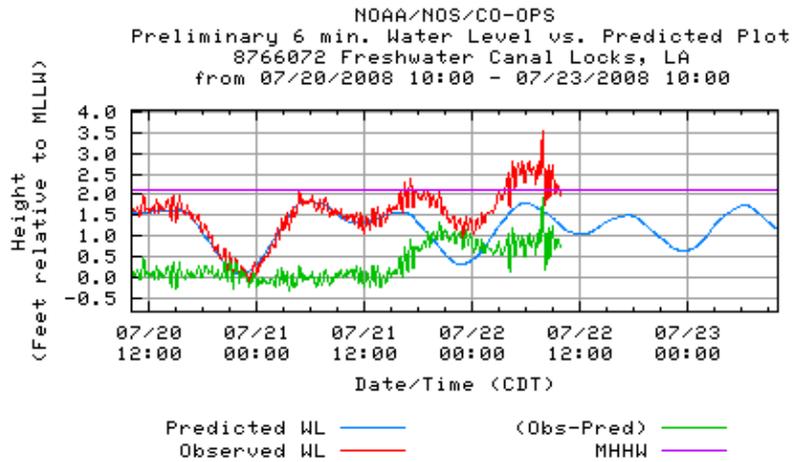


barometric pressure —

Last Observed Sample: 07/22/2008 10:24 (CDT)

Barometric Pressure: 1015.6 mb

**Freshwater Canal Locks, LA - Station Map** [Return to List](#)



Last Observed Sample: 07/22/2008 09:48 (CDT)

Relative to **MLLW**: **Observed: 1.99 ft. Predicted: 1.25 ft. Residual: 0.74 ft.**

Historical Maximum Water Level: n/a

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce